

Inpatient or Outpatient Procedure

Administration Technique Guide Capturing Clinician Experience With EXPAREL

This educational technique guide represents the individual experience of Dr. Lawrence Biskin and is intended to demonstrate his methodology for using EXPAREL in a specific soft tissue surgery.* Pacira Pharmaceuticals recognizes that there are alternative methodologies for administering local anesthetics, as well as individual patient considerations, when selecting the dose for a specific procedure.

Please see Important Safety Information on reverse and refer to the accompanying full Prescribing Information before using EXPAREL for complete Dosage and Administration information.

CASE INFORMATION	
Physician Name	Dr. Lawrence Biskin
Affiliation	UPMC Saint Margaret Memorial Hospital
Surgical Case Performed	Laparoscopic cholecystectomy

Outpatient

PATIENT CHARACTERISTICS			
Gender	Female		
Age	61 years		
Patient History and Characteristics	Height: 5'3" Weight: 157 lbs		

INFILTRATION TECHNIQUE			
Incision Size	3 trocar sites: Two 5 mm incisions, one 3 mm incision 1 camera port: One 10 mm umbilicus incision for camera insertion		
Preoperative Analgesics Used	IV acetaminophen		
Intraoperative Analgesics Used	None		
Was EXPAREL Diluted? If so, to What Volume?	One 20 cc vial of EXPAREL (266 mg)		
5 mm incisions: 5 cc EXPAREL is infiltrated subcutaneously and in in each incision 10 mm incision: 10 cc EXPAREL is infiltrated into the fascia circularound the umbilicus			

FOLLOW-UP NOTES			
Additional Postsurgical Medications Used/Prescribed	None prescribed; patient was instructed to take standard OTC analgesics as needed		
Other Observations	Patient reported no incisional pain following the procedure and required no opioids for pain control. Some shoulder pain resulting from the insufflation was reported.		

^{*}The approval of EXPAREL was based on 2 pivotal clinical trials that demonstrated the safety and efficacy of the product injected into soft tissue surrounding the surgical site. In the pivotal soft tissue trial (an excisional hemorrhoidectomy), a dose of 266 mg of EXPAREL (one 20-mL vial) was diluted with 10 mL of preservative-free normal sterile saline for a total volume of 30 mL. The solution was infiltrated circumferentially in 6 aliquots around the anus. In the pivotal orthopedic trial (a bunionectomy), an undiluted dose of 106 mg of EXPAREL (8 mL) was administered into the wound.

Because local analgesics act at the site of administration, and pharmacokinetics are not predictive of efficacy, it is up to the individual prescriber to determine the relevance of the demonstration of efficacy and safety in these surgical models to their own surgical setting.

The dose of EXPAREL is based on the surgical site and the volume required to cover the area. The maximum dosage of EXPAREL should not exceed 266 mg (20 mL, 1.3% of undiluted drug).

EXPAREL is a liposomal formulation of bupivacaine indicated for single-dose infiltration into the surgical site to produce postsurgical analgesia.

Important Safety Information:

EXPAREL is contraindicated in obstetrical paracervical block anesthesia. EXPAREL has not been studied for use in patients younger than 18 years of age. Non-bupivacaine-based local anesthetics, including lidocaine, may cause an immediate release of bupivacaine from EXPAREL if administered together locally. The administration of EXPAREL may follow the administration of lidocaine after a delay of 20 minutes or more. Other formulations of bupivacaine should not be administered within 96 hours following administration of EXPAREL. Monitoring of cardiovascular and neurological status, as well as vital signs should be performed during and after injection of EXPAREL as with other local anesthetic products. Because amide-type local anesthetics, such as bupivacaine, are metabolized by the liver, EXPAREL should be used cautiously in patients with hepatic disease. Patients with severe hepatic disease, because of their inability to metabolize local anesthetics normally, are at a greater risk of developing toxic plasma concentrations. In clinical trials, the most common adverse reactions (incidence ≥10%) following EXPAREL administration were nausea, constipation, and vomiting.





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This educational technique guide represents the individual experience of Dr. Stephen M. Cohen, MD, FACS, FASCRS and is intended to demonstrate his methodology for using EXPAREL in a specific soft tissue surgery.* Pacira Pharmaceuticals recognizes that there are alternative methodologies for administering local anesthetics, as well as individual patient considerations, when selecting the dose for a specific procedure.

CASE INFORMATION		
Physician Name	Stephen M. Cohen, MD, FACS, FASCRS	
Affiliation	Atlanta Colon and Rectal Surgery, P.A.; Atlanta, GA	
Surgical Case Performed	Open colectomy (ileocolic resection) with repair of the fistula	
Inpatient or Outpatient Procedure	Inpatient	
PATIENT CHARACTERISTICS		
Gender	Male	
Age	22 years of age	
Patient History and Characteristics	 Long history of Crohn's Disease Six-month history of weight loss, nausea, vomiting, diarrhea Large segment of inflammation in his terminal ileum with a small bowel to colon fistula 	
PROCEDURAL DETAILS		
Incision Size	8-cm vertical midline incision and ostomy	
Preoperative Analgesics Used	IV acetaminophen 1000 mg 30 minutes prior to incision	
Intraoperative Analgesics Used	None	
Was EXPAREL Diluted? If so, to What Volume?	One 20 cc vial (266 mg) was diluted with 20 cc preservative-free normal sterile saline for a total volume of 40 cc	
FOLLOW-UP NOTES		
Other Observations	Patient required no PCA device or epidural for rescue medication and reported well-controlled pain the first night postsurgically	

^{*}The approval of EXPAREL was based on two pivotal clinical trials, excisional hemorrhoidectomy and bunionectomy, that demonstrated the safety and efficacy of the product. In the excisional hemorrhoidectomy trial, 266 mg of EXPAREL (one 20-mL vial) was diluted with 10 mL of preservative-free normal sterile saline. In the bunionectomy trial, an undiluted dose of 106 mg (8 mL) was used.

In the excisional hemorrhoidectomy trial, EXPAREL demonstrated postsurgical pain control with reduced opioid requirements for up to 72 hours. The median time to first opioid rescue was 14.3 hours for EXPAREL vs 1.2 hours for placebo. 28% of patients treated with EXPAREL received no postsurgical opioid rescue through 72 hours vs 10% of placebo-treated patients. The clinical benefit of the attendant decrease in opioid consumption was not demonstrated.

It is up to the individual prescriber to determine the relevance of the demonstration of efficacy and safety in these surgical models to their own surgical setting. The recommended dose of EXPAREL is based on the surgical site and the volume required to cover the area. The maximum dosage of EXPAREL should not exceed 266 mg.

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INFILTRATION TECHNIQUE

- Approximately 5 cc of EXPAREL is infiltrated directly into the fascia and around the umbilicus along the length of the left side of the midline incision. (Figure 1)
- Approximately 15 cc of EXPAREL is slowly injected along the length of the incision starting at the superior position with
 the needle inserted under the skin several centimeters lateral to the left side of the incision. (Figure 2)
 - The goal of this technique is to achieve a field block that encompasses the area around the incision, including part of the ileostomy. (Figure 3)
- The final 20 cc of EXPAREL is infiltrated in the same fashion on the right side of the incision. (Figure 4)
- Once the patient has healed enough for ileostomy closure, 20 cc of undiluted EXPAREL (266 mg) will be injected
 circ umferentially around the site, with 25% of EXPAREL injected into the fascia and the remainder infiltrated using
 a lateral needle in a fanning fashion to obtain a field block around the ostomy.









EXPAREL is a liposomal formulation of bupivacaine indicated for single-dose administration into the surgical site to produce postsurgical analgesia.

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Disclosures: Dr. Cohen is a paid speaker and consultant for Pacira.



Scan here to see a video of this infiltration.



EXPAREL® (bupivacaine liposome injectable suspension)

Patient-Focused Pain Control That Lasts For Up To 72 Hours

The only single-dose local analgesic to

- Reduce or eliminate opioids with pain control for up to 3 days
- · Without the need for catheters or pumps



Pivotal studies have demonstrated the safety and efficacy of EXPAREL in patients undergoing bunionectomy and hemorrhoidectomy procedures.

The clinical benefit of the attendant decrease in opioid consumption was not demonstrated.

EXPAREL is a liposome formulation of bupivacaine indicated for administration into the surgical site to produce postsurgical analgesia.

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Reference: Gorfine SR, et al. Dis Colon Rectum. Dec 2011;54(12):1552-1559.

Please see brief summary of Prescribing Information on reverse side.
For more information, visit www.EXPAREL.com

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EXPAREL

PARIENT-FOCUSED PAIN CONTROL

PATENT-GEORGEOFAN CONTING.

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INDICATIONS AND USAGE EXPAREL is a liposome injection of bupivacains, an amide-type focat anieshieste, indicated for administration into the surgical side to produce postsurgical analogist.

EXPAREL has not been sudded for use in patients younger than 18 years of age.

CONTRAINDICATIONS: EXPAREL is contraindicated in obstantial paracervical block anesticasis. While EXPAREL has not been tested with this technique, the use of baptivacaine HCL with this technique has resulted in fetal bradycardis and death.

Maranasca AND percentimes. WARNINGS AND PRECAUTIONS

WARRINGS AND PREADLENTS
Warnings and Precedition for Bupivecaine Containing Products: The sofery and effectiveness of bupivecaine and other amide-excitaining products depiced on proper dossage, correct techniques, adequate precautions, and readmiss for emergencies. As there is a pritential risk of source life-diseatening adverse effects associated with the administration of bupivecaine, any bupivecaine-excitaining product should be administration as setting where trained presented and equipment are excellable to promptly theat patients who show evidence of neurological or cardioc toxicity.

Kee Diseascence (10): (See (Nerdosage (10))

rose creaturoscy of roy. Careful and constant monitoring of cardiovascular and respiratory (adequacy of ventilation) vital signs and the patients state of consciousness should be performed after injection of vital eigns and the patients state of consolutions should be performed after injection of busineacine and other armide-containing products. Resillescress, avivide, incoherent speeds, lighthreadeshess, numbriess and trigling of the menth and lips, meallic case, brinnius, dizzness, blurred vision, termors, livitiching, depression, or drawniness may be early-waining signs of control inevious system cooking. Begivarianing signs of control inevolution graducts should also be used with courtion in patients with impaired cardioviscustrile function because they may be less able to componeate for functional changes associated with the prolongation of AV conduction reviewed by this editions.

produced by these drugs. Injection of multiple closes of bupivacaine and other amida-containing products ma

injection of multiple doses of bupivacaine and other anide-containing products may reject to in multiple doses. In plasma concentrations with each repeated dose due to slow econuclation of the drug or its metabolises, or to slow metabolic degredation. Tolerance to elevated flood concentrations varies with the status of the patient, because anide type local areasthetics, such as bupivacaine, are matabolized by the liver these drugs should be used caudicusly in patients with hepatic disease. Patients with severe hepatic disease, because of their institutions of the patient desired products of their institutions of adverse neurobial partie of the patient. Repeated by the control of the patient of the patient when yet in the patient of the patient desired in the patient of the pa

Contral nervous system reactions are characterized by excitation and/or depression, fleetlessness, anxiety, distinses, finnitus, third vision, or termors may occur, possibly proceeding to consistions. However, excitement may be transient or absent, with depression being the first manifestation of an adverse traction. This may quickly be followed by drowsiness merging into unconsciousness and respiratory arrest. Office cantral nervous system effects may be massed avoiding this process. The incidence of conculsions associated with the use of local anesthetics varies with the procedure used and the total dose administread. Cardiovescular System Reactions: Took blood concentrations depress cardiac conductivity and excitability, which may lead to actionstricted titlock, ventricular arrhythmiss, and cardiac anest, sometimes resulting in fatalities. In addition, myocardial contractibility is depressed and peripheral venofilation occurs, leading to decreased cardiac coupt and arterial blood pressure (See Wannings and Precautions (5.1) and Overdosaga (10)).

Alterigic Reactions: Allegiot hype reactions are rare and may occur as a result of hypersensitivity to the local anesthetic or to other formulation ingredients. These reactions are characterized by signs such as unitical, purities, explainer, and presenting in the process of the process of the contraction of the signs of the surficial, purities, explainer, and processed contractivity to the local anesthetic or to other formulation ingredients. These reactions are characterized by signs such as unitical, purities, explainer, and processes in securities, and processes in characterized by signs such as unitical, purities, explainer, and processes in securities, and processes of contractivity of the local anesthetics or to other formulation ingredients. These excitions are characterized by signs such as unitical, purities, explainer, and possibly anaphylactical-like synchronic including severe hypotensision. Uncass-sensitivity makes an observable and the processes of so

conjunient are available to prompty treat patients who show evidence of neurological or cardiac toxicity.

Caution should be taken to avoid accidental intravascular injection of EXPAREL Canvasions and cardos arrest have occurred following accidental intravascular injection of buyeacaine and other amide containing products.

Using EXPAREL followed by other bupivacaine formulations has not been studied in chinical trials. Other formulations of buyeacaine should not be administrated within 95 hours following administration of EXPAREL.

EXPAREL has not been evaluated for the following uses and, therefore, is not accommended for these types of analgesia or routes of administration expiriture, intrahecul, regional nerve blocks, intravascular or intra-anicular rose.

EXPAREL has not been evaluated for use in the following patient population and, therefore, it is not recommended for administration to these groups: patients younger than 18 years old, preparant patients, musking patients.

Expranel properties of the patients of the

administration.
ADVERSE REACTIONS: The most commonly encountered acute adverse expariences to busiveceine and all amide-type local anesthetics that demand immediate counterbujávezárie and all amide-type local anestitetos that demand immadias counter-measures are related to the central newous and cardiovasoular systems. High plasma concentrations of bupávezárie con occur from overdosage, uninsended intravesoular injection, or accumulation of bupávezárie in plasma secondary to deveasad hepotic meatorio despráction of the drug or diministre plasma proteita brinniq capacity due to acidosis, pathologically favered plasma protein podisction, or competition with other drugs for protein brinding sites. Although rate, some ladixdusts bave a lower tolarance to and are supersentitive to bujávezárie and other amides type focal anostheios and may rapidly develop signs of toxicity at low doses [See OVERDOSAGE].

Advense Rescrione Reported in All Wound Institution Citation Studies: Because clinical studies are conducted under videly varying conditions, adverse rescrion raise observed in the clinical brials of a charge carried be directly compared to rates in the clinical studies of another drag and may not reflect the rates debanced in particular clinical control and another drag and may not reflect the rates debanced in particular carried and see ranging from 60 to 32 mg of EXPAREL was evaluated in 10 transferrated a dose ranging from 60 to 32 mg of EXPAREL. Another were administrated a dose ranging from 60 to 32 mg of EXPAREL was evaluated in 10 transferrated a dose ranging from 60 to 32 mg of EXPAREL and the 10 transferrated and the rate of the common adverse reactions feeded neg greater than or equal to 10 th 10 th

Table 1: Treatment-Emergent Adverse Reactions (TEAE) with an Incidence Greater than or Equal to 27% Plecebe-Controlled Studies
STUDY 2* STUDY 2*

t .	3101			D1 Z"
	EXPAREL	Placebo	EXPAREL	Piacebo
	8 mL/1.3% (166 m		mL/1.3% (266)	
System Organ Class	(N=97)	(N -9 6)	(14=95)	(N=94)
Preferred Term	n (%)	ន (%)	n (%)	n (%)
Any TEAE	53 (54.6)	59 (61.5)	16 (10,5)	17 (16.1)
Castrointestinal Disorders	41 (42.3)	36 (39.6)	7 (7.4)	13 (13.8)
Nausea	39 (40.2)	36 (37.5)	2 (2.1)	1 (1.1)
Vozniting	27 (27.8)	17 (17.7)	2 (2.1)	4 (4.3)
Constination	2 (2.1)	1 (1.0)	2 (2,1)	2(2.1)
Anal Hemorihage	0 (5.0)	6 (0.0)	3 (3.2)	4 (4.3)
Painful Defecation	0 (0.0)	0.00)	2 (2.1)	5 (5.3)
Fiectal Discharge	0 (0.0)	0 (0.0)	1 (1.1)	3 (3.2)
Mervous System Discoders	20 (20.6)	30 (31.3)	0.40,63	0 (0.0)
Dizziness	11 (11.3)	25 (26.0)	0.00.0	e io.oi
ifeadache	5 (5.2)	8 (6.3)	0.00	0 (0.0)
Somnidence	5 (5.2)	1 (1.0)	6 (6.01	0 (8.0)
Syncope	2(2.1)	(0.0)	6 (6,0)	0 (0,0)
Skin And Subputaneous	8 (8.2)	7 (7.3)	0.0)	0 (0.8)
Tissue Disorders				
Pruritus Generalized	5 (5.2)	6 (6.3)	0 (0.0)	0 (0.0)
Fruntus	3 (3.1)	1 (1.0)	0.00	0 (0.0)
Investigations	5 (5.2)	3 (3.1)	4 (4.2)	3 (3.2)
Alanine Aminotransferase	3 (3.1)	3 (3.1)	1 (1.1)	0 (9.0)
hic-eased				
Aspartate Aminotransferase	3 (3.1)	2 (2.1)	6 (6.0)	0 (0.0)
Increased Blood Creatmine Increased	500.00	0.10.01	0.00.01	
	2(2.5)	0 (0.0)	0.0}	6 (0.0)
Body Temperature Increase: General Disorders And		0.00	3 (3.2)	3 (3.2)
Administration Site Conditions	4 (4.1)	£ (0.0)	1 (1.1)	1 (1.1)
Feeling Hat	2 (2.1)	n in ci	410.01	410.01
Pyrexis		0 (0.0)	6 (0.0)	0 (0.0)
Infections And Infestations	2 (2.1) 2 (2.1)	0.0.0	1 (1.1)	1 (1,1)
Fungal Infection		1 (1.0)	0.00	0(0.0)
	2 (2.1) 2 (2.1)	171.0	0.(8.0)	0 (0.0)
Injury Poisoning And Procedural Complications	2(2.1)	0 (0.0)	0.00	0 (0.0)
Post Procedural Swalling	2 (2.1)	0.20.01	o Is el	0.00
Metabolism And	2(2.1)	0 (0.0)	0 (0.0)	0 (0.0)
Nutrition Disorders	2 (2.1)	2 (7.1)	0 (0.6)	0 (0.0)
Decreased Appetits	2 (2.5)	2 (2.1)	10.05.0	oman .

^a Study 1: Buniseractomy At each level of summation (overell) system organ class, preferred term), perients are only contraid once. Frethered terms are included videre at least 2% of patients reported the event in any trestment group. TEAF – treatment-emergent adverse event.
DIMED INTERACTIONS: EVPARIE can be administrated undificited or diluted up to 0.83

mg/ml. (i.e., 1:14 dilution by volume) with preservative-free normal (0.9%) sterile saline for injection. EXPAREL must not be diluted with water or other hypotonic agents as it will result in disruption of the liposomal particles.

EXPAREL should not be admixed with lidecaine or other non-bupivecaine-based local

anistivens.s.
EMPAREL may be locally administered after at least 20 minutes following local administration of fidocaine.
EMPAREL should not be admised with other drugs prior to administration.
USE IN SPECIFIC POPULATIONS

Pregnancy Creegory C: There are no adequate and welf-controlled studies in pregnant women of the effect of burivecaine on the developing intus, EVPARIE, should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. Beprivate line information to the fetus Repulseration information to the fetus equivate and production of the produced development all toxicity when administered subcutaneously to pregnant rate and rabbits at clinically relevant doses. This does not exclude the use of EVPARIE, a term for analyses in. Burivecaine HCI was administered subcutaneously to rate and rabbits during the period of fetal organizations. No employ-detail effects were observed in rate at the high dose which caused increased maternal fethality. An increase in embryo-fetal earth was offered with a fetal consequence of the above.

deaths was observed in rabbits at the high dose in the absence of maternal loxicity. Administration of bupivacaine HCl to rats during pregnancy and lactation resulted in

Administration of buphacaine HCI to rats during pregnancy and factation resulted in decreased offspring survival. Labor and Delivery Buphacaine hydrochloride is contraindicated for obstetrical paracewical block aneathesia. Local aneathesia rapidly cross the placenta, and when used for epidural, caudal, or pusiendal block aneathesia, can cause varying degrees of maternal, fetal, and neoratal solicity. The isoldense and degree of toxalory depine span the procedure performed, the type, and amount of during used, and the behalique of dug administration. Adverse reactions in the perturient, fetus, and neorate involve alterations of the central nervous extern inclinear various from an and carries freedom. system, registeral vasodar tone, and cardiac function

Nursing Mathers: Bugivactains has been reported to be excreted to some extent in human milk, suggesting that the nursing intant could be theoretically exposed to a dose of the drug. Because or the potential for serious adverse reactions in nursing infants from behaviorable or locations in making in far and whether to descontinual making on or administer CMMRI, taking into account the importance of the drug to the mother. Pediatric Description Safety and offectiveness in paciatric parients below the age of 18 have not been established.

not been established.

Genariot bus of the social number of patients in the EVFARH, wound inferestion clinical studies (NV-623), 171 patients were greater than or equal to 65 years of age and 47 patients were greater than or equal to 75 years of age. No overall differences in safety or effectiveness were observed between these patients and yearge patients. Clinical paper patients. Clinically patients and younger patients. Clinically of some older individuals common by many younger patients, but greater sensitivity of some older individuals common by miled out.

De miled out.

In chical studies, differences in various pharmacokinetic parameters have been diverved in chical studies, differences in various pharmacokinetic parameters have been diverved between felderly and younger patients. Bupinscaine is known to be exististability expected by the folderly, and the risk of toxic reactions to bupinscaine may be greater in patients with impariend reped function. Because elderly potentia are more likely to have discreased restriction, care should be taken in dose electron of EVPARE.

Hepatic Impairment: Because amide-type local enestrients, such as tupinscaine, are metabolized by the liver three drougs should be used cautinosity in patients with frequicidisease. Patients with severe hepatic disease, because of their inability to metabolize local auesofhaties normally, are at a greater risk of developing toxic plasma concentrations.

concentrations. Renal Impairment Bupivacaine is known to be substantially exceeded by the kidney, and the risk of took reactions to this drug may be greater in patients with impaired restal function. Care should be taken in does estection of EXPAREL. OVERDOSAGE Acute emergencies from local anesthetics are generally related to high plasma concentrations encountered during therapteutic use of local anesthetics or to unintended intravascular injection of local anesthetic solution (See WARNINGS AND PRECASTINASS and EMPRESS FRACTIONAL)

unintended intravescular injection of local anaesthetic solution (See WARMINGS AND PRICEADTIONS).

In the Clinical study program, maximum plasma concentration (Croxid values of approximately 4,400 mg/ml. were reported and likely reflected inadversery intravescular administration of EVPAREL or systemic absorption of EVPAREL at the surgical site. The plasma buptivective measurements off not discorn between free and impossingly control paging and programs and programs and programs and programs are reported values uncertain, however, no discornable adverse events or clinical sequelae were observed in these nations. in these patients.

NONCIANICAL TOXICOLOGY

NONCHMENT FOXECUTORY

Corrain openessis, Mutagenesis, Impairment of Fertillity Long-term studies in animals of most local anesticatics, including bupinessime, to evaluate the cardinogenin potential have not been conducted. Mutagenic potential and the effect on fertility have not been determined. There is no evidence from human data that beinplaced in may be cardinogenic or masagenic or that it impairs fertility.

DOSAGE AND ADMINISTRATION: EVAPARIE is intended for single-dose administration only. The recommended dose of EXPARIEL is based on the surgical site and the volume remitted to one the single.

required to cover the area.

Surgery	Bose of EXPAREL	Volume of EXPAREL
Busionemony ^a	106 mg	8 m2.
Hamorrhoidectons/	266 mg	20 mL

Infiltrate 7 mt, of EXPAREL into the dissues surrounding the osteolomy and 1 mL into the

subcontaneous biseve.

"Other 20nd of EVAREL with 19 ml of selves, the a root of 30 ml, and divide the mixture into six Tollate 20nd of 10 the 20nd of 30 ml, and divide the mixture into six Find affects. Perform the ental block by visualising the anal sphincure as a clock face and slowly inflittening one alloyant to each of the manufacts.

Injection Instructions: EXPAREL should be injected slowly into soft tissues of the surgical

5 mt. alegotis. Proform the earls block by visualishing the anal sphincor as a clock face and slowly inflienting our eliquet to exist members. Injection historical control of the exist members. Injection historical control of the exist members in the control of the control of the proform of the control of

internancy contrarnate.

Mon-Interchangeability with Other Formulations of Buphyansine; Different formulations of buphyanaine are not bioequivalent even if the milligram closege is the same. Therefore, it is not possible to convent desiring from any other formulations of buphyanaine are PURD OCT and have been presented. bupivaçaine to EXPAREL and vice versa.

bepreasans to EXPAHEL, and vice users. Upscomal enceptabletion or incorporation in a Baid complex can substantially affect a drugs functional properties relative to those of the unercapsulated or nonligitis-associated drug. In addition, different liposomal or high-complexed products with a common active injudiest may vary from one another in the clement composition and physical form of the lipid component. Such differences may effect functional properties of these drug products. Do not substitute. Dasing in Special Populations: EXPAPEL has not been studied in patients younger than 14 waters of are recognity interests or patients who are number.

18 years of age, pregnant patients or patients who are nursing.

PATIENT COUNSELING INFORMATION: Patients should be informed in advance that PATIENT COUNSELING INFORMATION: Patients should be informed in advance the buping-aine-containing products can cause temporary loss of sensation or motor activity in the ace infiltrated. Physicians should discuss adverse reactions in the EXPAIEL, prescribing information with their patients.

Pacin Pharmacoulculs, Inc., San Diego, CA 92271 USA.

Pacin Pharmacoulculs, Inc., San Diego, CA 92271 USA.

Teatherask of Pacin Fluencysoliculs, Inc.

For additional Information cell 1 - 956 RN-EXPAREL (1-855-793-9727).

Rix only.